

Abstract**Input device for control signals for controlling the movement of an object represented on a display device and graphic display having said input device**

An input device for control signals for controlling the movement of an object represented on a display device comprises a housing (24) and three control signal generating devices (38, 40, 42) for generating first control signals. Further, it has three mutually orthogonal actuating elements (32, 34, 36), each being supported at or in the housing (24) for linear displacement along one of three orthogonal spatial axes (x, y, z) and projecting outward beyond the housing (24) within at least one of two opposite portions of the housing (24), respectively. Each actuating element (32, 34, 36) respectively cooperates with a different one of the control signal generating devices (38, 40, 42), and wherein, in dependence on the displacement position of the actuating elements (32, 34, 36), the control signal generating devices (38, 40, 42) generate the first control signals. Through a position detection sensor arrangement (46), the orientation and/or the position of the housing (24) is detected and the object is oriented on the display device according to the orientation and position of the housing (24).

(Fig. 1)